



सत्यमेव जयते

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## PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

### THE PATENT OFFICE

#### Patents and Designs

Calcutta, the 11th July 1964

#### CORRIGENDA

(1)

in the Gazette of India, Part III, Section 2, dated the 11th January 1964.

In page 18, column 1 under the heading cessation of patents.

Delete entry No. 65223.

in the Gazette of India, Part III, Section 2, dated the 17th March 1964.

In page 91, column 1 under the heading cessation of patents.

Delete entry Nos. 65602, 65603 and 65604.

(2)

in the Gazette of India, Part III, Section 2, dated the 20th June 1964.

In page 246, column 2 under the heading "Applications Accepted"—Delete the following matter :

"86529—The Babcock & Wilcox Company. Improvements in and relating to cyclone furnaces. Accepted on 30th May 1964. Wherein the burner whirl chamber is provided with respective inlets for the introduction separately of one another of primary air and of fuel for entrainment by the primary air through the circumferential wall of the primary burner chamber."

#### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

20th June 1964

94348. N. Jivabhai. An invention relating to the manufacture of wick-carrier-regulator of wick-stove.

94349. Beecham Group Limited. Penicillins. (22nd June 1963).

94350. Dr. G. Wunderlich and Dr. H. Weber. Process and device for the decomposition of ammonia obtained in coke oven batteries. (21st June 1963).

94351. Dexion Limited. Improvements relating to slotted-channel constructional elements. (8th August 1963).

94352. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of benzophenone derivatives.

94353. Associated Electrical Industries Limited. Improvements in or relating to friction welding. (19th July 1963).

94354. Societe Anonyme De Machines Electrostatiques. Method and apparatus for electrostatic sorting.

94355. Albright & Wilson Limited. Improvements in the manufacture of phosphoric acid. (28th June 1963).

22nd June 1964

94356. J. C. Kattakayam. Cashew nut de shelling machine.

94357. Contubind S. A. Process for the production of round hollow bodies from blooms.

94358. J. R. B. Goodfellow. Continuous bulk fermentation of tea leaves. (25th June 1963).

94359. Aktiebolaget Bofors. Fire control system for weapons.

94360. United States Steel Corporation. Sealing and insulating means for continuous casting starter bars.

94361. Dunlop Rubber Company Limited. Method of bonding. (12th July 1963).

94362. Esso Research and Engineering Company. Complexing agents.

94363. Whiffen & Sons Limited. Chemical Process. (10th July 1963).

94364. General Electric Company. Oxidation of phenols.

94365. Ald, Inc. Self service car wash. (21st April 1964).

94366. M. C. Albert. An ovule.

94367. Wilhelm Schmidt. Injection moulding machine for use with thermo-plastic synthetic materials.

94368. I. K. Puri. A system or device for generating current by the help of a revolving body in vehicle for measuring speed or linear distance or by charging batteries.

94369. Rank Xerox Limited. Facsimile scanning apparatus.

94370. Fagersta Bruks Aktiebolag. Improvements in a method for surface hardening polygonal steel rods and a product treated according to the method.

94371. Coal Industry (Patents) Limited. Improvements in or relating to storage bunkers. (24th June 1963).

94372. Soag Machine Tools Limited. Improvements in and relating to apparatus for packaging articles in a package of sealable material. (9th October 1963).

94373. Allen & Hanburys Limited. Piperidine derivatives. (9th July 1963).

94374. Fram Corporation. Filter cartridge  
 94375. Ciba Limited Process for the manufacture of new pyrimidines.  
 94376. Dr. S. R. Palamand A dish washing appliance for the kitchen  
 94377 D. T D Palan Improvement in or relating to shoes

23rd June 1964

94378. T. K. Ratnasabhapathy. A multi-purpose furniture unit.  
 94379 Associated Electrical Industries Limited. Improvements relating to flash-proof electrical sockets. (22nd July 1963).  
 94380. Babcock & Wilcox Limited. Improvements relating to welding (25th June 1963).  
 94381. Babcock & Wilcox Limited. Improvements relating to welding. (25th June 1963).  
 94382 Babcock & Wilcox Limited. Improvements in or relating to pulverising mills (28th June 1963).  
 94383 Caristrap International Limited Improvements in or relating to buckles  
 94384. Zweirad-Union A. G. Improved pedal arrangement for cross-country motor vehicles.  
 94385. Imperial Chemical Industries Limited. Tea chests and like containers. (3rd July 1963).  
 94386. Imperial Chemical Industries Limited. Treatment of gases containing carbon oxides and hydrogen. (5th July 1963).  
 94387. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of benzodiazepine derivatives.  
 94388. Sir W. G. Armstrong Whitworth & Company (Engineers) Limited. Improvements in or relating to turbocharged two-stroke cycle internal combustion engines. (4th July 1963)  
 94389. Henschel-Werke, Aktiengesellschaft Cooling systems for railway vehicles.  
 94390 Willcox & Gibbs Sewing Machine Co Doffing and donning mechanism.  
 94391 Merck & Co., Inc. Preparation of lower aliphatic acids.  
 94392 Merck & Co., Inc Compositions for treatment of gout.  
 94393. Merck & Co., Inc. Glucuronides of 1-substituted 3-indolyl acids.  
 94394 Kleinewefers G.m.b.H. Winding and deposition device for textile goods in the form of a wide web.  
 94395. Kleinewefers G.m.b.H Roll having knob-compensation for calenders, foulards, squeezing mechanisms or the like.  
 94396. Kleinewefers G.m.b.H. Hydraulic press for the manufacture of laminated calender rolls.  
 94397. Ciba Limited Process for the manufacture of new aminosteroids.  
 94398. N. V. Philips Gloeilampenfabrieken Improvements in or relating to methods of manufacturing glass articles having a high mechanical strength.  
 94399 The Dow Chemical Company. Rubber reinforced vinyl aromatic polymer compositions and method of making the same.  
 94400. Dana Corporation. Improvements in or relating to a clutch  
 94401. Vsesojuzny Nauchno-Issledovatel'sky Khimiko-Farmatsevtichesky Institute. Method of producing P-and m-nitrobenzoic acids.  
 94402. J. H. Engel. Method of skeleton structure and enclosures and application of same.  
 94403. Artos Maschinenbau Dr. Ing. Meier-Windhorst Process and plant for continuous heat treatment of lengths of material.  
 94404. Dipl. Chem. H. Schwartz. Novel plant growth regulating activity.  
 94405. Metallgesellschaft Aktiengesellschaft. Process and device for separation of immiscible or sparingly miscible liquids  
 24th June 1964  
 94406. Schering Aktiengesellschaft. Process for the manufacture of  $1\beta$ -methyl- $\Delta^{2,3}$   $\alpha$ -androstene-17 $\beta$ -ols and new  $\beta$ -methyl- $\Delta^{2,3}$   $\alpha$ -androstene-17 $\beta$ -ols.  
 94407. G. S. Patel. Improvement in or relating to devices for filtering and/or straining liquids and powders.  
 94408. T. Sendzimir. Construction and control of planetary mills.  
 94409. Etablissements Clin-Byla. Substituted benzedrine, production thereof and compositions containing the same.  
 94410. Celanese Building Components Limited Pipe joints. (28th June 1963).  
 94411 Borg-Warner Corporation. Heat exchanger and method of its manufacture (16th July 1963).  
 94412 Imperial Chemical Industries Limited Synthetic polymers. (6th August 1963).  
 94413. Canadian Ingersoll-Rand Company Limited Method of thickening dilute paper stock. [Divisional date 16th January 1963].  
 94414. Edison Settore Chimico S.p.A. Process for preparing catalytic systems and catalytic systems therewith obtained.  
 94415 V. I. Epifanova, V. S. Gorokhov, V. F. Gustov, V. D. Nikitin, S. S. Press and L. S. Axiyrod. Air separator.  
 94416 Owens-Corning Fiberglas Corporation. Film faced fibrous body.  
 94417. Deutsche Akademie Der Wissenschaften Zu Berlin. Process for chemical fixation of dyestuffs on natural or regenerated cellulose.  
 94418. Tesla, narodni podnik. A method of producing wound cores for transformers and chokes.  
 94419. Merck & Co., Inc. Halogenations of alkylthiazoles. [Addition to No. 84083].  
 94420. The Wellcome Foundation Limited Chemical compounds, methods of preparing them, and pharmaceutical preparations containing them (25th June 1963).  
 94421. Societe Anonyme Des Usines Chausson Fin plate for tube and plate fin cores and method for manufacturing thereof  
 94422. MIAG Muhlenbau und Industrie G m.b.H. Method of and apparatus for continuously treating granular and/or powdered material. [Addition to No. 86480].  
 94423. Tohoku Denka Kogyo Kabushiki Kaisha. Furnace condition controlling method in rotary tubular furnace.  
 25th June 1964  
 94424. F. K. Jhaveri and G. L. Jaggi. Automatic tripping and resetting of trolleys without manual labour  
 94425. Fireward Limited. Fire extinguisher.  
 94426. A. R. Patel. Folding screw jack for scooter  
 94427. A. A. K. Asari. The easy and effortless study of multiplication table for children. by means of an interesting play called "children's game chart of multiplication".  
 94428. A. A. K. Asari. An easy and effortless study of numbers from one to one million (1 to 10,00,000) by an interesting method called the "vibgyor beads stand".  
 94429. Ciba Limited. Process for the manufacture of new amides  
 94430. Kureha Spinning Co., Ltd. Process and apparatus for producing continuously combed sliver from carded sliver. (23rd July 1963).  
 94431. The National Ekco Radio & Engineering Company Limited and N. R. Mirza. Improvements in or relating to pneumatic tools.

94432. Arun Bose. A hygienic gadget for babies.

94433. Hercules Powder Company. Azidoformates and process for the manufacture thereof. [Divisional date 28th January 1963].

26th June 1964

94434. P. Niederwemmer. Improvements in equipment for irrigating dry areas.

94435. J. R. Geigy A. G. New unsaturated bases and processes for the production thereof.

94436. Indian Oxygen Limited. Melting of ferrous metal. (26th June 1963).

94437. Cigarette Components Limited. Improvements in or relating to tobacco smoke filters. (27th June 1963).

94438. G. V. Muvek. High voltage gas-blast circuit-breaker.

94439. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to pharmacologically-active compounds. (18th March 1964).

94440. Mrityunjoy Dutta. Improvements in or relating to toy air pistol.

94441. Georg Fritzmeier KG. Sprung seats. (17th April 1964).

94442. Aktiengesellschaft Der Von Moos'schen Eisenwerke, and Concast AG. Improvements in or relating to continuous casting plant.

94443. VEB Chemiefaserwerk "Friedrich Engels". Process for preparation of co-polyesters of high molecular weight especially of such on a polyethylene terephthalate basis.

#### Alteration of date

79387. Post-dated to 24th January 1963 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

79387. G. S. Taskar. Improvements in or relating to a device for vacuum filling of bottles or like containers. Accepted on 25th June 1964.

*Having a trunk or main body member carrying the bottles, pumps, and an electric motor for working the pump.*

84221. Hans-Joachim Dietzsch GmbH. A filter. Accepted on 20th June 1964.

*Comprising a large number of straight parallel closely packed capillary ducts which are open at both end and parallel walls.*

84239. The Goodyear Tire & Rubber Company. Process for increasing the molecular weight of organic compounds containing functional thioether groups, compounds thus treated and the use thereof. Accepted on 20th June 1964.

*Reacting (a) organic compound containing thioether group, (b) organic epoxy compound and (c) organic acidic compound.*

84287. Siemens-Schuckertwerke Aktiengesellschaft. Semiconductor assemblies. Accepted on 20th June 1964.

*Enclosed in housings and having a monocrystalline semiconductor element and several zones of different conductivity type, one zone of which is provided with an electrode which is formed as an annulus and in the opening of which a contact electrode of another zone is arranged.*

84464. The Firestone Tire & Rubber Company. Tire rim. (11th July 1962). Accepted on 22nd June 1964.

*Comprising a base terminating in an abutment bead support surface on each side of the base an annular seat, and a rim flange disposed on the seat and axially positioned against the abutment.*

84468. G. W. Ruparel. Improvement in or relating to keyless padlocks. Accepted on 24th June 1964.

*Wherein tube is permanently fitted to one side of body bracket of female part by means of two woodruff segments.*

85004. Bombay Toys. Improvements in or relating to toy guns and the like. Accepted on 22nd June 1964.

*Characterised in that the toy gun has, in combination, (i) a front pipe which acts as a magazine for a series of balls loaded in it and also acts as a pump for compressing air into, (ii) a back pipe one end of which is closed and in which the front pipe is adapted to be slid, (iii) a cap with longitudinal passages is fitted at one end of the front pipe and (iv) a valve housed in the cap.*

85169. Westinghouse Brake and Signal Company Limited. Improvements relating to railway traffic control apparatus. (15th November 1961). Accepted on 24th June 1964.

*In which points in possible rail traffic routes are operable in response to setting of respective route command devices.*

85409. T. Hindmarch. An hydraulic pressure intensifier. (13th December 1961). Accepted on 20th June 1964.

*When the supply of operating pressure to the larger cylinder is withdrawn both cylinders are vented to atmosphere both pistons being urged to move in the direction to lower the pressure in the smaller cylinder at all times by a continuously maintained low pressure.*

85533. Imperial Chemical Industries Limited. Production of coated fabrics. (13th December 1961). Accepted on 24th June 1964.

*Includes the steps of applying organic thermoplastic particles to sheet surface, melting the particles and pressing the organic thermoplastic film against the surface.*

85712. Babcock & Wilcox Limited. Improvements in fluid heater cleaners. (21st December 1961). Accepted on 19th June 1964.

*Rotatable nozzle tube capable of being advanced longitudinally from and withdrawn to a retracted positions, and a lost motion device provided between the flexible driving means and the nozzle tube.*

85739. L'Air Liquide, Societe Anonyme Pour L'Etude Et L'Exploitation Des Procédes Georges Claude. Hydroxymethyl anthraquinone ethers. Accepted on 20th June 1964.

*Reacting 2-chloromethylantraquinon with a primary or secondary alcohol.*

85746. Shell Internationale Research Maatschappij N.V. Method of making a well containing a large-diameter pipe string and apparatus for use in this method. Accepted on 20th June 1964.

*Suspending a small-diameter elongated member having at least its lower end within the wall from a first suspending element, running a second suspending element through a section of large-diameter pipe.*

85755. AMP Incorporated. Electrical connector crimping apparatus. (3rd January 1962). Accepted on 22nd June 1964.

*Comprises a connected crimping station means for feeding the leading connector, means for causing the length to feed towards crimping and means for shearing.*

85760. Chandan Metal Products Private Limited. Improvements in or relating to a locking device for cabinets. Accepted on 22nd June 1964.

*Comprising in combination (i) a fixed channel fixed to the parallel transverse members of the skeleton or frame-work of a cabinet, (ii) a slidably mounted spring loaded channel carried by the fixed channel, (iii) and a semi-elliptic member projecting from the slidably mounted channel.*

85765. J. R. Geigy A. G. Process for the production of certain 3, 5-dialkyl-4-hydroxyphenyl organic compounds. Accepted on 20th June 1964.

*Comprises reacting an alkyl phenol with an acrylic acid derivative in the presence of a basic catalyst and a suitable solvent.*

85780. Shell Internationale Research Maatschappij N. V. Process for the preparation of bicycloheptadiene dimers and trimers and high energy fuels containing same. Accepted on 20th June 1964.

*Contacting bicycloheptadiene with catalyst-organic complex compound of metal of 1st sub and/or 8th group of periodic table in oxidation stage lower than 2 ligands partly consisting of electron yielding compounds.*

85792. Chemical Construction Corporation. Phosphoric acid process and an apparatus therefor. Accepted on 25th June 1964.

*Slurry of phosphate rock and sulfuric acid is cooled by dispersing into accelerated air-stream and is separated from the said stream and further reacted.*

85797. Aktiebolaget Svenska Flaktfabriken. An arrangement in axial fans for the transport of dust commingled gases. Accepted on 25th June 1964.

*Wherein the recesses in the hub body for the base plates of the blades are made with a somewhat greater diameter than that of said base plates and means are provided to supply and lead scavenging gaseous medium through said passages.*

85799. Shell Internationale Research Maatschappij N. V. Apparatus for establishing communication between a vessel on the surface of a body of water and an underwater wellhead assembly. Accepted on 20th June 1964.

*Comprising an elongated tubular element of a length to extend at least from the surface of the waters to the underwater wellhead assembly, a coaxially-aligned tubular landing head secured to the lower end of the tubular element and underwater well locating means.*

85800. Shell Internationale Research Maatschappij N. V. Method and apparatus of making an underwater well having a pipe positioned therein. Accepted on 20th June 1964.

*Comprising drilling a hole from a vessel on the surface of a body of water making up at the vessel a pipe string closed near its lower end and provided with a horizontally directed unidirectional fluid discharge port above and near the closed lower end.*

85804. W. W. Artzt. Garments and method of making the same. Accepted on 26th June 1964.

*Characterized in that the top edges of the sleeve portions slope downwardly and outwardly from the neck opening.*

85805. Allied Chemical Corporation. Production of carbinols. Accepted on 26th June 1964.

*Process for the production of an aralkyl tertiary alcohol from a compound containing a tertiary aliphatic carbon atom attached to one carbon of a carbocyclic aryl nucleus, to*

*one hydrogen atom and to two other saturated carbon atoms each in turn attached only to carbon or hydrogen atoms or both comprises intimately contacting the said compound in the liquid phase with a gas containing elemental oxygen and with an aqueous sodium hydroxide or potassium hydroxide solution.*

85817. Shell Internationale Research Maatschappij N. V. Apparatus for actuating components of an underwater well installation. Accepted on 20th June 1964.

*Comprises signal transmitting conduit means including coupling members with sealing surfaces co-operating in coupled position, one coupling member being secured to underwater installation.*

85819. Imperial Chemical Industries Limited. Oxymethylene polymers and shaped objects formed from them. (5th January 1962). Accepted on 20th June 1964.

*A cyclic oligomer of formaldehyde is subjected to polymerising conditions together with methacrolein dimer in the presence of an electrophilic catalyst and no more than a very small amount of water.*

85830. Sperry Rand Corporation. Electric supervising device having a radiant energy barrier. Accepted on 20th June 1964.

*Control circuit comprises at least two output signal circuits which act on control switching means.*

85831. Sperry Rand Corporation. Portable electrical appliance. Accepted on 20th June 1964.

*That the stator and a rotor armature are rigidly supported and rotatably supported in two spaced members and switch means are supported by support members.*

85837. Steel Heddle Manufacturing Co. Loom beam let-off. Accepted on 25th June 1964.

*The belt drive consists of a pair of belt pulleys running on a shaft moveable on an arcuate path, each pulley being connected to a separate belt pulley of constant diameter by a belting of constant length.*

85854. Imperial Chemical Industries of Australia and New Zealand Limited. Electrodes for use in electrolytic cells. Accepted on 24th June 1964.

*At least a portion of the surface of the support of the electrode is conductively covered by a coating of an alloy selected from the group consisting of molybdenum-iron, molybdenum-nickel, tungsten-iron, tungsten-nickel-iron alloys and the like.*

85885. Didier-Werke A. G. Metal-clad refractory suspension brick. Accepted on 20th June 1964.

*Wherein that part of suspension hook below the top surface of brick is rigidly connected or welded to steel sheathing.*

85920. Kabushiki Kaisha Hitachi Seisakusho. Method of molding insulated materials impregnated with solventless varnish. Accepted on 24th June 1964.

*Comprises vacuum drying a core covered with insulating sheet, injecting a degassed solventless varnish, enveloping with a flexible sheet, sealing and then heating in a fluid medium.*

85932. W. B. Hoelscher. Horizontal plate filter. Accepted on 22nd June 1964.

*Comprises intermediate liquid impervious bottom inclined towards outlet and filter paper placed on screens supported on the bottom.*

85934. K. Matsuda. Roof structures. Accepted on 20th June 1964.

*Comprising a plurality of parallel and spaced-apart rib bars of T-shaped cross-section and provided with connecting members secured thereto at successively spaced connecting points on both sides, a plurality of preformed roof-plate elements.*

86016. The Cleveland Crane & Engineering Company. Apparatus for shearing materials. Accepted on 24th June 1964.

*Comprising a frame, a support member to support a first stationary knife member, an elongated member movable in said frame, guide means pivotally mounted in said frame for guiding said elongated member along a pre-determined path.*

86069. Sperry Rand Corporation. Information storage device. Accepted on 22nd June 1964.

*Characterized by a plurality of hollow cylinders each provided with a coating of magnetizable material and supported in concentric spaced relationship by a common drive shaft.*

86122. AMP. Incorporated. Improvements in or relating to electrical connectors and to methods of and apparatus for making electrical connections. Accepted on 23rd June 1964.

*The method comprises the steps of positioning the conductor transversely of the post at an end thereof sliding the connector onto the post to engage the conductor and move the conductor with the connector along the post to trap the conductor and to urge the conductor and post together between opposed faces.*

86135. Sperry Rand Corporation. Arithmetic device. Accepted on 20th June 1964.

*In which said resistor includes two register sections response to a single control signal and modifies each of the one plurality of selected operands.*

86195. Sperry Rand Corporation. Sheet feed mechanism. Accepted on 24th June 1964.

*Actuating means carried by the supporting structure and movable through a constant distance, connecting means coupling feeding means to the actuating means and selectively settable means coacting with connecting means.*

86262. In-Crate Bottling Co. Proprietary Limited. Method and apparatus for washing bottles or the like. Accepted on 24th June 1964.

*Wherein the bottles are washed while remaining in the crates by being engaged with crate carriers on an endless moving conveyor and progressed through washing operations.*

86295. The Plessey Company Limited. Improvements in or relating to actuators. (2nd February 1962). Accepted on 22nd June 1964.

*Ram movable from an end position by fluid under pressure being admitted to a ram cylinder through a control valve and a latch member normally preventing movement of ram from said end position.*

86334. R. R. M. Dongre. An improved C. T. C. machine for treating tea leaves. Accepted on 24th June 1964.

*Conveyor belt is inclined upwards towards its forward end at an angle of 25° to the horizontal and the pair of spiked rollers is transversely inclined at an angle 25° to the horizontal plane.*

86339. The Distillers Company Limited. Vinyl polymer adhesive compositions. (10th March 1962). Accepted on 23rd June 1964.

*Comprises vinylchloride polymer, a polymerisable organic compound containing at least two ethenoid groups and a stabiliser.*

87428. Council of Scientific and Industrial Research. Improvements in or relating to the decolourization of mineral substances such as clay or sand. Accepted on 22nd June 1964.

*Wherein the blunging operation is carried out in a receptacle provided with perforated slabs made of or coated with zinc.*

86430. Asahi Kasei Kogyo Kabushiki Kaisha. Shaft-seal apparatus for the treatment of highly viscous liquid. Accepted on 25th June 1964.

*Shaft seal to prevent the leakage having a taper of 1/50 to 2 grooved in such a way that it makes a reverse screw.*

87432. Associated Electrical Industries Limited. Improvements relating to vertical shaft dynamo-electric machines. (30th April 1962). Accepted on 22nd June 1964.

*Stator laminations surround the rotor and is supported directly from the foundation at an axial position different from that at which the framework is supported, wherein the framework carrying the rotor thereof is independently supported.*

87437. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to rotors for use in small electric machines. Accepted on 23rd June 1964.

*Between the rotor body and commutator therein provided a flattened conical body peak of which is located on rotor side.*

87468. F. G. Bachooali. Improvements in or relating to soap holders. Accepted on 20th June 1964.

*Comprises a piece of a flexible sheet of soft resilient material, provided on each side or face thereof with a spaced plurality of suction cups formed integrally therewith or secured thereto.*

87481. Halcon International, Inc., formally known as Scientific Design Company, Inc. Process for refining crude lactams. Accepted on 20th June 1964.

*Oxidizing crude lactam with an oxidant in aqueous solution at a concentration of about 55 to 90% by weight.*

86498. Ingersoll-Rand Company. Air starter for internal combustion engines. Accepted on 22nd June 1964.

*Comprising a frame adapted to be fixed to engine, a compressed air, a drive train means biasing the pinion air operated pinion, first and second valve means.*

86536. Sel-Rex Corporation. Aqueous bath for the electrolytic deposition of silver. Accepted on 23rd June 1964.

*Containing soluble alkali silver cyanide, alkali cyanide, soluble antimony compound, soluble salt of methylene bisnaphthalene sulfonic acid.*

86565. The Babcock & Wilcox Company. Means and method of forming an internal rib in the bore of a tube. Accepted on 22nd June 1964.

*Comprising the steps of smoothing the bore of a tube drawing a uniform helical groove in the internal surface of the wall of the said tube and sinking said tube to reduce the diameter of the grooved tube to thereby elongate the pitch of the helical groove.*

86610. The Bendix Corporation. Frequency modulated crystal controlled oscillator. (2nd January 1963). Accepted on 24th June 1964.

*Including means for connecting a source of d.c. power to a transistor having an output electrode connected to a resonant circuit and a control electrode connected to an oscillation control circuit, the latter including a piezoelectric crystal and a voltage variable semiconductor capacitor forming a series of resonant circuit, and an input circuit connecting input signal across semiconductor capacitor.*

86621. The Goodyear Tire & Rubber Company. Improvements in method of vulcanizing belts. Accepted on 24th June 1964.

*Comprises stretching the belt, vulcanizing when stretched and cooling the belt from curing temperature to a temperature when the fabric has no shrinkage.*

86651. Deering Milliken Research Corporation. A textile drafting assembly. Accepted on 22nd June 1964.  
*Comprising an apron drafting element adapted to be disposed between two successive draft rolls and a second external fibre-controlling bridge element.*
86675. AMP Incorporated. Magnetic core binary counter. Accepted on 23rd June 1964.  
*Comprising a series of multi-aperture magnetic cores each having a major aperture and at least one minor aperture and each arranged to be driven between a first and second state of magnetic remanence, a first of the cores being arranged to be driven from the first to second state in response to input pulse, and transfer windings interconnecting the cores in gating relationship.*
86685. Standard Telephones and Cables Limited. Methods and apparatus for manufacturing telecommunication cables. (27th March 1962). Accepted on 23rd June 1964.  
*The method includes the step of continuously changing the angle of lay, the amount of change in the angle of lay being determined both by a random value selected from a range and the average twist already imparted to the group.*
86752. Stecco, Societe Anonyme De Technique Chimique. Process for the grinding of solid particles. Accepted on 24th June 1964.  
*Whole of the treated material passes a first time through the grinder to be collected in a first container, material is recirculated again thereafter through the grinder.*
86767. B. J. Daniel. A machine for breaking and sifting tea. Accepted on 24th June 1964.  
*Comprising a hopper, a breaker roller, a first mesh sieve tray, a second mesh sieve tray positioned below the first sieve and connected thereto and a power driven shaft adapted to give rocking motion to the two trays.*
86775. Banyagyutacsgyar. A delayed action ignition cap for detonators. Accepted on 24th June 1964.  
*Characterized in that the two metal strands or at least one of them extends beyond the point where strands are electrically connected by filament, the latter and the predominant part of the metal strands being coated with a delay pyro-composition and at the end of the section coated with this delay composition therebeing a known igniting composition which gives sufficient flame to initiate the detonator.*
86778. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of covering part of the glass wall or a cathode-ray tube with a strengthening layer. Accepted on 24th June 1964.  
*Wherein annular armouring is pushed against tube wall and hardening material is pressed through the armouring upto matrix and hardening material allowed to harden.*
86829. Aktiebolaget Kamyr. Process and apparatus for digesting cellulosic pulp. Accepted on 24th June 1964.  
*Treating fiber material in two successive digesting stages of elongated digester, digesting liquor flowing with and countercurrently to material in each stage.*
86856. George Angus & Company Limited. Improvements in the manufacture of fire hose. (22nd March 1962). Accepted on 24th June 1964.  
*Comprises applying water impervious coating to exterior of textile jacket, drying it, and turning the jacket inside out.*
86942. P. K. Sanghvi, B. K. Sanghvi. Improvements in or relating to kettles. Accepted on 22nd June 1964.  
*At least one of the mounting elements has a lug or projection at an angle to the said mounting element and on which lug the handle when lowered rests.*
86994. American Brake Shoe Company. Manufacture of cast steel articles, particularly heat treatment thereof. Accepted on 24th June 1964.  
*Comprises removing gates and sprues before temperature of articles is 1800°F, slowly cooling below 1330°F with uniform temperature in all parts reheating to 1650°F to 1850°F air cooling below 1330°F again reheating to 1500°F and again cooling below 1330°F.*
87049. Stora Kopparbergs Bergslags Aktiebolag. Method for the control of blast refining of carbon-containing metal melts. Accepted on 24th June 1964.  
*Wherein carbon removed from melt and degree of combustion in furnace is measured by oxidising the CO of exhaust gases and measuring it.*
87075. AMP Incorporated. Electrical contact element. Accepted on 22nd June 1964.  
*The element comprises a contact finger and a contact plate extending forwardly from a common web side-by-side in the same direction, the contact finger having an end portion which diverges outwardly of the longitudinal axis of the contact element.*
87133. Full Mold Process, Inc. Casting of metals and similar melts employing gasifiable patterns. Accepted on 26th June 1964.  
*Outside surface being provided with a shell-like, substantially incombustible coat, preferably highly permeable to gas or becoming porous during the casting procedure and or which contains inside solid or gaseous substances known to be used for metallurgical treatment of melts.*
87142. Sperry Rand Corporation. Parametric device. Accepted on 22nd June 1964.  
*Comprises a pump source, an electric conductor covered by a magnetic film, and a winding wound around said conductor, wherein a second electric conductor is spaced coaxially from the first conductor and electrically connected with the latter.*
87148. AMP Incorporated. Electrical connector crimping tool. Accepted on 23rd June 1964.  
*Includes a combustion chamber on the frame in which a propellant explosive charge is arranged to be burnt to drive the movable die towards the fixed die to crimp the connector onto the conductor.*
87187. Brown, Boveri & Company Limited. Gasblast circuit-breaker with one or more interruption points. Accepted on 22nd June 1964.  
*Always at least one switching valve, actuated by compressed gas and opening in the direction of flow, is connected by way of a tension rod elastically prestressed in the closed position to devices on the lower part of the breaker.*
87216. Indian Oxygen Limited. Electric welding. Accepted on 22nd June 1964.  
*The opposed edges of the plates have been formed to produce together a weld preparation of Vee cross-section having an included angle of at least 60° and up to 120°.*
87278. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to transistorized multivibrators. Accepted on 23rd June 1964.  
*Characterized in that a variable common base resistor is connected to the bases of the transistors through diodes.*
87328. Doulton & Co. Limited. Voltage grading of insulators. Accepted on 22nd June 1964.  
*The insulator comprises two or more weather sheds relatively dimensioned and shaped so as to present increased surface areas from an earth end of the insulator to a live and thereof.*

87347. The Goodyear Tire & Rubber Company. Process of dimerizing or codimerizing mono-olefinic hydrocarbon material. Accepted on 20th June 1964.

*Comprises passing mono-olefinic hydrocarbon material over a tungsten oxide catalyst under temperature and pressure.*

87351. K. Fritz. Continuous annealing furnace. (28th February 1963). Accepted on 24th June 1964.

*Wherein combustion chambers, open at bottom, extend parallel and lead into passages having at end face burners.*

87368. Inland Steel Company. Free machining steel. (28th January 1963). Accepted on 24th June 1964.

*Comprises machinability increasing constituents having by wt. sulphur 0.25 to 0.35%, lead 0.08 to 0.35%, selenium 0.010 to 0.035% and tellurium 0.010 to 0.035% the sum of last two being within 0.025 to 0.065%.*

87393. Magrini S.p.A. Extinction chamber for oil circuit breakers and the like. Accepted on 22nd June 1964.

*Comprises essentially two parts one of which serves for breaking heavy, short-circuit currents, while the other which serves for breaking small inductive currents is such that the arc is blown out axially along its path.*

87394. Magrini S.p.A. Interrupting assembly for high and very high electrical voltages. (12th December 1962). Accepted on 22nd June 1964.

*Comprises several complete and similar interrupting units electrically connected in series and mechanically connected in parallel, the whole being so constructed and arranged as to provide for geometrical identity of the working conditions of the elementary interrupting units.*

87427. Preparation Industrielle Des Combustibles. Improvements in or relating to jigs for washing coal and ore. Accepted on 26th June 1964.

*Consisting of a shaft extending transversely to the direction of flow of the products located in the bed with an adjustable shaft wall leaving a clear space in between it and the bottom of the shaft.*

87472. James Beresford & Son Limited. Submersible electric motor. (3rd May 1962). Accepted on 22nd June 1964.

*Stator section is embedded in and bonded in the encasement during the moulding process and there is provision for the passage into and through the rotor chamber and around the rotor as a coolant of the liquid within which the motor may be submerged.*

87515. Allied Chemical Corporation. New epoxide resins and processes and intermediates for their preparation. Accepted on 20th June 1964.

*Comprises reacting a diisopropyl benzene  $\alpha, \alpha'$ -diol with a phenolic compound.*

87520. Soho House. Improvements in or relating to locks. Accepted on 22nd June 1964.

*Wherein bent part of side plate of lock box provides bearing for tip of lock.*

87528. M. Varma. Air cooler for automobiles. Accepted on 20th June 1964.

*Comprises an inner chamber having a water pump and a fan blower in independent compartments and an outer chamber containing water and cooling surfaces comprising packed water soaking materials.*

87542. Institut Francais Du Petrole, Des Carburants & Lubrifiants, and Compagnie Generale De Geophysique. Electromechanical seismic generator. Accepted on 24th June 1964.

*Incorporates an amplitude transformer between a conventional movable coil and the ground, the said transformer being constituted by a lever system.*

87619. Pirelli Societa Per Azioni. Impregnating mixtures for direct-current electric cables of the solid type. (14th February 1963). Accepted on 20th June 1964.

*Comprises a polymeric constituent comprising a hydrocarbon polymer or a mixture of hydrocarbon polymers and a liquid constituent in which the polymeric constituent is dissolved.*

87626. Nippon Grinder Manufacturing Company Limited and Daver & Company. Improvements in or relating to loading devices for rollers in textile machinery. Accepted on 25th June 1964.

*Comprising a loading arm freely mounted on a shaft provided in the roller stand, a block fixedly secured to said shaft, a latch member located in the said block and adapted to be pushed into a hole in a hook member secured to the upper wall of the loading arm.*

87627. Nippon Grinder Manufacturing Company Limited and Daver & Company. Improvements in or relating to positioning device for load arm of the top roller of a textile fibre drafting apparatus. Accepted on 25th June 1964.

*Positioning means includes a block fixed in position on a horizontal shaft in the roller stand and about which the load arm is pivotally mounted.*

87690. Sperry Rand Corporation. Information handling device. Accepted on 24th June 1964.

*Having an anisotropic thin magnetic film having an easy axis and a hard axis of magnetization, a pump winding inductively coupled to the hard axis, an output winding inductively coupled to the easy axis, and a control winding inductively coupled to said film along an axis displaced from the hard axis.*

87711. British Nylon Spinners Limited. Improvements in or relating to holders for spinning rings. (30th May 1962). Accepted on 22nd June 1964.

*Has a circular ring-holding surface having an annular slot, the upper wall of the slot being cut away to form flange-like lugs.*

87714. N. V. Onderzoekingsinstituut Research. Improvements in or relating to the manufacture of hollow threads and staple fibres from synthetic linear polycondensation or polymerisation products and spinnerets used therefor. Accepted on 25th June 1964.

*Comprises extruding a melt of the product into a gaseous medium through one or more spinning orifices in a spinneret, each orifice comprises one or more arcshaped slit characterised in that the slits partly enclose a surface area of from 0.01 to 7 mm<sup>2</sup>, and wherein the ends of the adjacent slits are parallel with each other.*

87764. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of allyl chlorides. Accepted on 25th June 1964.

*Comprises reacting an allyl alcohol with thionyl chloride or phosgene in the presence of an N-N-dialkyl substituted amide of an alkaline carboxylic acid or an N-alkyl substituted lactam.*

87978. Ruti Machinery Works Ltd. formerly Caspar Honegger. Warp stop motion for a selvedge forming mechanism for a loom and the like. Accepted on 25th June 1964.

*Characterized in that for each of the two selvedge forming twisting or leno threads there is provided a detector lamellae supported in a lamellae guide rotating together with leno thread spools and on breakage of one of the leno threads the associated detector lamellae is located in the region of a lever provided with a notch into which one end of a further lever engages.*

88035. Halcon International, Inc. Process for the recovery of maleic anhydride from aqueous scrubber liquor. Accepted on 20th June 1964.

*Treating aqueous scrubber liquor obtained by scrubbing effluent gas from a phthalic anhydride oxidation reaction mixture, with*



*crude maleic anhydride dehydrating resulting mixture, treating the latter at boiling temperature with strong acid, fractionating and recovering maleic anhydride.*

88143. North Western Gas Board and the Clayton Aniline Company Limited. Improvements relating to process for removing hydrogen sulphide. (8th June 1962). Accepted on 25th June 1964.

*Comprises passing an electric current through the liquor between two electrodes which are separated by a porous material.*

88370. Taylor & Challen Limited. Coining presses. (15th June 1962). Accepted on 24th June 1964.

*Wherein either the upper dies or the lower dies are all mounted together in a carrier which can rock to allow the dies to align themselves so as to distribute the force evenly between the dies.*

88378. Nitto Boseki Company Limited and Yamauchi Rubber Industry Company Limited. Lint clearers. Accepted on 20th June 1964.

*Comprises a tubular body housing a magnet and pole pieces of ferro-magnetic material and held in contact with poles of said magnet.*

88417. Indian Oxygen Limited. Improvements in or relating to the treatment of ferrous metal. Accepted on 24th June 1964.

*Wherein slag formed is removed at the end of melting process or beginning of refining process and further flux is added to form second slag which left in vessel after treated metal is removed.*

88646. The Carborundum Company Limited. Improvements in or relating to diamond truing, dressing and forming tools for grinding wheels. Accepted on 20th June 1964.

*Comprises electrolytically tacking a layer of diamond particles on to a master former by a primary layer of soft metal to partially cover diamond layer, bonding and covering diamond particles by secondary metal layer, and removing said former and tacking layer.*

89442. J. Stone & Company (Deptford) Limited. Improvements relating to battery-charging installations. (29th August 1962). Accepted on 24th June 1964.

*Comprises two batteries, one primarily for supplying a starter circuit and the other primarily for supplying a lighting or like load, a common source for charging and a single diode; wherein the current from the first named battery cannot pass to the said load, but current from the second-named battery can pass to the starter circuit.*

89586. Simonacco Limited. Improvements in and relating to conveyor systems. (6th September 1962). Accepted on 20th June 1964.

*Comprising a first endless conveyor, a second, feeding, endless conveyor adapted to convey material towards the first conveyor, and a hunker conveyor interposed between said second, feeding, conveyor and first conveyor, an endless floor scraper conveyor and an open endless scraper conveyor above the last mentioned conveyor.*

90103. Toyo Koatsu Industries, Incorporated. Method of synthesizing urea. Accepted on 22nd June 1964.

*Using an apparatus coated with Cr-Ni steel, and effecting the synthesis in the presence of oxygen or a compound yielding oxygen.*

90200. Kyoritsu Noki Co., Ltd. Apparatus for scattering solid chemicals. Accepted on 22nd June 1964.

*Comprising an engine, a blower have a discharge conduit opening into a nozzle to develop an induced draft therein and the solid supply line opening slightly upstream thereof.*

## Opposition Proceedings

(1)

The opposition entered by Kanti Vira Gupta to the grant of a patent on application No. 69118 made by Alimahomed Chhaganbhai Padamsce as notified in Part III, Section 2, of the Gazette of India dated the 1st July 1961, has been treated as withdrawn.

(2)

The opposition entered by Metallgesellschaft Aktiengesellschaft to the grant of a patent on application No. 81026 made by Elektrokemisk A/S as notified in Part III, Section 2, of the Gazette of India, dated the 14th December 1963, has been treated as withdrawn.

## Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy2:—

(1)

74449.	74866.	75086.	75322.	75359.	75534.	75580.
75597.	75652.	75674.	75682.	75705.	75706.	75760.
75764.	75766.	75770.	75778.	75780.	75781.	75797.
75800.	75801.	75802.	75803.	75812.	75821.	75834.
75838.	75839.	75854.	75858.	75865.	75896.	75898.
75912.	75959.	75969.	75978.	76000.	76008.	76029.
76110.	76148.	76169.	76176.	76183.	76184.	76201.
76202.	76244.	76330.	76350.	76362.	76399.	76498.
76518.	76532.	76576.	76600.	76606.	76646.	76683.
76694.	76757.	76767.	76768.	76816.	76873.	76967.
77009.	77032.	77128.	77130.	77138.	77146.	77217.
77365.	77390.	77440.	77746.	77749.	77807.	77847.
77903.	77993.	78213.	78290.	78422.	78819.	83587.

(2)

74147.	74205.	74231.	74244.	74275.	74276.	74441.
74531.	74928.	74989.	75090.	75463.	75474.	75479.
75480.	75481.	75482.	75489.	75494.	75497.	75520.
75539.	75564.	75625.	75632.	75656.	75665.	75669.
75755.	75786.	75873.	75889.	75954.	76093.	76238.
76284.	76310.	76494.	76506.	76525.	76528.	76529.
76542.	76551.	76705.	76710.	76712.	76730.	76739.
76771.	76772.	76804.	76841.	76851.	76860.	76879.
76891.	76896.	76931.	76960.	76977.	76985.	77051.
77103.	77111.	77112.	77198.	77353.	77392.	77412.
77435.	77455.	77487.	77500.	77520.	77640.	77812.
77906.	77921.	78094.	78097.	78100.	78103.	78127.
78370.	78675.	78749.	79043.	79061.	79062.	79095.
79096.	79342.	82258.	82881.	83284.		

## Patents Sealed

80505.	80568.	80652.	80812.	80933.	80963.	91379.
81676.	81842.	81952.	81953.	81999.	82032.	82039.
82063.	82141.	82150.	82183.	82186.	82240.	82336.
82338.	82367.	82382.	82443.	82487.	82495.	82514.
82523.	82526.	82533.	82536.	82547.	82564.	82565.
82620.	82624.	82625.	82660.	82717.	82732.	82778.
82796.	82806.	82817.	82852.	82874.	82878.	82882.
82918.	82921.	82935.	83014.	83243.	83259.	83604.
83986.	84102.	84143.	84576.	84616.	84744.	85072.
85548.	85847.	85848.				

## Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Phillips Petroleum Company, a corporation organised under the laws of the State of Delaware, United States of America, of Bartlesville, State of Oklahoma, United States of America, seek leave to amend the description and claims in the specification in respect of Patent No. 80833. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.



(2)

The request filed by The Goodyear Tire & Rubber Company, under Section 17 of the Indian Patents and Designs Act, 1911, for amendment of the specification of application for patent No. 81694 has subsequently been withdrawn.

**Renewal Fees Paid**

43373.	43444.	43482.	43487.	43537.	43709.	43710.
43711.	43712.	43804.	43823.	44107.	45440.	45469.
45493.	45534.	45697.	45755.	45775.	45849.	46045.
46971.	46972.	47314.	47375.	47564.	47626.	47647.
47663.	47678.	47679.	47691.	47697.	47730.	47760.
47785.	47854.	47955.	48159.	48238.	48264.	48297.
49809.	49838.	49935.	49941.	49960.	50079.	50182.
50253.	50304.	50358.	51840.	51841.	51842.	51944.
52100.	52263.	52289.	52291.	52294.	52305.	52306.
52318.	52333.	52334.	52344.	52361.	52417.	52467.
52481.	52482.	52483.	52593.	52728.	52792.	52793.
52887.	53130.	54792.	54793.	54863.	54865.	54867.
54875.	54876.	54886.	54908.	54927.	54928.	54929.
54936.	54984.	54987.	54991.	55012.	55031.	55029.
55055.	55059.	55224.	55351.	55640.	56126.	56127.
56128.	57706.	57730.	57755.	57780.	57845.	57895.
57901.	57902.	57924.	57941.	57973.	58000.	58014.
58028.	58029.	58031.	58204.	58333.	58462.	58605.
58814.	58959.	59066.	59068.	59069.	59960.	60706.
60965.	60967.	60968.	60969.	60982.	60985.	60986.
60987.	60991.	61020.	61023.	61033.	61047.	61071.
61093.	61116.	61121.	61179.	61180.	61216.	61221.
61222.	61223.	61224.	61225.	61294.	61304.	61413.
61472.	61599.	61648.	61670.	61688.	61723.	61729.
61762.	61779.	61859.	61888.	62169.	62973.	63431.
63908.	63913.	64044.	64086.	64433.	64438.	64449.
64462.	64508.	64517.	64527.	64535.	64559.	64565.
64567.	64583.	64588.	64589.	64598.	64627.	64644.
64649.	64667.	64674.	64697.	64721.	64729.	64730.
64736.	64745.	64748.	64749.	64762.	64787.	64789.
64914.	64972.	65013.	65033.	65034.	65035.	65090.
65091.	65239.	65240.	65243.	65322.	65603.	65604.
65632.	65822.	67562.	68117.	68239.	68242.	68261.
68273.	68275.	68277.	68295.	68298.	68303.	68306.
68350.	68388.	68391.	68397.	68398.	68399.	68400.
68401.	68411.	68446.	68450.	68467.	68486.	68515.
68521.	68523.	68537.	68546.	68547.	68548.	68554.
68570.	68593.	68597.	68601.	68631.	68633.	68670.
68689.	68691.	68719.	68781.	68817.	68914.	69219.
69271.	69328.	69329.	69341.	69632.	69979.	70129.
70727.	70957.	71042.	71043.	71239.	72124.	72125.
72270.	72274.	72302.	72307.	72439.	72441.	72467.
72472.	72489.	72504.	72508.	72511.	72512.	72513.
72514.	72531.	72554.	72562.	72578.	72579.	72580.
72585.	72596.	72598.	72599.	72600.	72615.	72616.
72643.	72655.	72664.	72665.	72666.	72687.	72693.
72725.	72726.	72752.	72782.	72783.	72796.	72943.
72958.	72969.	72977.	73010.	73079.	73100.	73112.
73156.	73167.	73183.	73184.	73225.	73230.	73231.
73232.	73360.	73459.	73564.	74050.	74090.	74146.
74226.	74263.	74384.	74424.	75358.	77111.	77228.
77246.	77420.	77485.	77530.	77623.	77765.	77949.
78581.	79406.	79653.	79975.	79983.	80287.	84632.
84633.	84634.	86226.				

RENEWAL FEES PAID in respect of State Patents under provision of Section 80 of the Indian Patents and Designs Act.

**JAMMU AND KASHMIR**

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**Extension of the terms of Patent**

The petition for extension of the term of Patent No. 39058 filed by Leca (World) Limited and notified in Part III, Section 2 of the Gazette of India, dated the 7th September, 1963 has been rejected by the Central Government.

L/G147GI/64

**Cessation of Patents**

39249.	41025.	44586.	49077.	49110.	49111.	49112.
49116.	51388.	53936.	53962.	53963.	53964.	53975.
53976.	53977.	56687.	56705.	56710.	56729.	56730.
56755.	59779.	59813.	59844.	63288.	63348.	64225.
66891.	66910.	66923.	66932.	66944.	70930.	70935.
70936.	70940.	70943.	70945.	70947.	70961.	70964.
70984.	70985.	70989.	70991.	70992.	70994.	70995.
71005.	71006.					

**Restoration Proceedings**

(1)

An order has been made on the 17th June 1964, restoring the Patent No. 69230 dated as of the 30th September 1959, granted to Shri Bansidhar Private Limited for "improvement in the manufacture of textile printing machine".

(2)

An order has been made on the 17th June 1964 restoring the Patent No. 69451 dated as of the 12th May 1958, granted to Stahlgruber, Otto Gruber & Co. for "device for use in the repair of tubeless tyres".

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

- Class 1. No. 120378. Shri Bhavani Metal Works Industrial Cooperative Society Ltd., 1366, Kasba Peth, Poona-2, State of Maharashtra, Nationality :—Indian concern, "Container", December 5, 1963.
- Class 1. No. 120438. Chetan Bulchand Thadbani, an Indian national, 72, Kakkad Industrial Estate, Bhandar Gali, Mahim, Bombay-16, in the State of Maharashtra, within the Union of India, "Coffee percolator", December 9, 1963.
- Class 1. No. 120657. The International Engineering Company, an Indian registered partnership firm, 17, Wellesley Street, Calcutta-13, West Bengal, India, "Cycles", December 30, 1963.
- Class 1. No. 120678. Moradabad General Art Metal Mills, Indian Partnership concern, Bhatti Street, P.O. Moradabad, U.P., "Tray", January 2, 1964.
- Class 1. Nos. 120774 to 120777. Asian Streck Metals, Ghat Road, Nagpur-2, Maharashtra State, an Indian Partnership Concern, "Decorative expanded metal sheets", January 16, 1964.
- Class 1. No. 121068. Luxco Electronics, Jhaslaniganj, Allahabad, U.P., an Indian Partnership concern, "Microphones", February 10, 1964.
- Class 1. No. 121148. Calcutta Machine Tools Corporation, a Registered Indian Partnership Firm, 10, Clive Row, Calcutta, West Bengal, "Drill chuck", February 13, 1964.
- Class 1. No. 121922. Shafique Ahmad Khan, Fasih Uddin Qureshi and Abdul Aziz Abbasi, Indian Nationals, 83/3, St. Thomas' Church, Meerut City, Uttar Pradesh, "Finger contact", April 13, 1964.
- Class 1. No. 121923. Shafique Ahmad Khan, Fasih Uddin Qureshi and Abdul Aziz Abbasi, Indian Nationals, 83/3, St. Thomas' Church, Meerut City, U.P., "Drum contact", April 13, 1964.
- Class 1. No. 121933. Grant James Private Ltd., an Indian Company, 8A & B, Lower Rawdon Street, Calcutta 20, West Bengal, Indian, "A chair", April 16, 1964.
- Class 1. No. 121734. Thakur Hiranand Chawla, Indian Subject, Bharat House, 104, Apollo Street, Fort, Bombay-1. State of Maharashtra, India, "Watch-strap", March 20, 1964.

- Class 1. No. 122044. Geep Flashlight Industries Limited, 28, South Road, Allahabad, U.P., an Indian Limited Company, "Torch", April 30, 1964.
- Class 1. No. 122045. Geep Flashlight Industries Limited, 28, South Road, Allahabad, U.P., an Indian Limited Company, "Torches", April 30, 1964.
- Class 3. Nos. 121145 to 121147. Osman Ahmed Mohamed Abubacker, Osman Ahmed Syed Moosa, Osman Mohamed Abubacker Shahul Hameed, Osman Syed Moosa Abdul Rahiman, 282, Thambu Chetty Street, Madras-1, Indian Nationals "Buttons", February 12, 1964.
- Class 3. No. 121289. Victor Industries and Anchor Lite, Indian firm, 15, Bombay Talkies Compound, Malad (West), Bombay-64, Maharashtra, "Sockets", February 25, 1964.
- Class 3. Nos. 121463 and 121464. Tattamangalam Subramaniayer Raman, C/o. A. S. Krishna Iyer, Block No. 2, "Vrindavan", (Opposite Sion Hospital), Bombay-22, State of Maharashtra, India, an Indian, "Cover for aerosol actuator", March 9, 1964.
- Class 3. No. 121925. Ratilal Trikamji Mehta, an Indian Citizen, Jay Mahal Building, 20/48, Lohar Chawl, Bombay-2, Maharashtra, India, "Lamp shade", April 13, 1964.
- Class 3. No. 121942. Robert Henry Abplanalp, a citizen of the United States of America, 10 Hewitt Avenue Bronxville, Westchester County, New York, United States of America, "Dispenser cap for a pressurized can", April 17, 1964.
- Class 3. No. 121934. Grant James Private Ltd., an Indian Company, 8A & B. Lower Rawdon Street, Calcutta 20, West Bengal, India, "A chair", April 16, 1964.
- Class 4. No. 121597. Lakme Limited, Bombay House, Bruce Street, Bombay, Maharashtra, India, an Indian Company, "A powder compact", March 13, 1964.
- Class 5. Nos. 121819 to 121821. Dailley (India) Limited, Plot No. 10, Off Haines Road, Worli, Bombay 18, Maharashtra, India, an Indian company, "A doily", April 6, 1964.
- Class 9. No. 121707. Sovrin Knit Works, 18-Lawrence Road, Amritsar, a registered Indian partnership firm, "Net fabrics", March 24, 1964.
- Class 13. Nos. 122126 to 122128. Shree Ram Mills Ltd., Fergusson Road, Bombay-13, a Company incorporated under the Laws of India, "Textile goods", May 11, 1964.
- Class 13. Nos. 122256 to 122258. The Asoka Mills Limited, P.B. No. 1050, Naroda Road, Ahmedabad-2, (Gujarat State) (India), "Cotton textile fabrics", June 1, 1964.
- Class 13. Nos. 122274 to 122284. The Sassoon Spg. & Wvg. Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, "Textile goods", June 2, 1964.
- Class 13. Nos. 122298 to 122300. H. A. Shah & Co., Partnership Concern, Vasant Vijay Mills, Vasant Vijay, 470/471, Worli Road, Bombay-18, (India), "Textile goods", June 5, 1964.

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